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(54) Title: PROCESS FOR PREPARING HSiCl_3 BY CATALYTIC HYDRODEHALOGENATION OF SiCl_4

(57) Abstract: The invention relates to a process for the catalytic hydrodehalogenation of SiCl_4 to HSiCl_3 in the presence of hydrogen, in which at least one metal or metal salt selected from among the elements of main group 2 of the Periodic Table of the Elements (PTE) is used as catalyst at a temperature in the range from 300 to 1 000°C. In particular, the catalyst is a metal or metal salt which forms stable metal chlorides under these conditions.

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